

Form PTO-1449

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1



Complete if Known

Application Number 09/677,304
 Filing Date September 29, 2000
 First Named Inventor 2834 Yukihiisa TAKEUCHI
 Art Unit 2834
 Examiner Name Dougherty, T.
 Confirmation No. 2413
 Attorney Docket No. 789_056 RCE

U.S. PATENT DOCUMENTS

Exam. Initial	Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date

U.S. COPENDING APPLICATIONS

Exam. Initial	Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class
TM	10/281,373 (claims only)	10/25/2002	Takeuchi et al.	789_055 DIV	—	—

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub Class	Translation	Abstract

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages etc.)

Examiner: Thomas M. Dougherty Date Considered: 7-7-03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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mb	4,805,057	02/14/1989	Ogawa et al.		360	109	4/22/1987

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